



# FEMA



Prepared by  
*Brian Hoeth*

# FEMA Region 6 Weather Threat Briefing

Wednesday September 29, 2021

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)



- **Isolated to scattered heavy rain/flash flooding possible across various portions of the Region through Saturday.**
- **Isolated severe storms possible today from S-Central OK into North and Central TX.**
- **Two tropical areas of interest in the far Eastern Atlantic bear watching over the next week or two.**
- **No impacts to FEMA Region 6 are expected from Hurricane Sam or the Remnants of Peter in the central Atlantic.**

# FEMA Region 6 Threat Matrix

Sep 29, 2021 - Oct 3, 2021



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DAY / THREAT	Wed	Thu	Fri	Sat	Sun
Severe Storms	S-Central OK into North & Central TX				
Heavy Rain / Flash Flooding	TX, LA, S AR	SW/W/W-Central TX	Central TX	TX, OK, AR	
		TX, NM, OK, W AR	TX, OK, AR, E NM, NW LA		
Fire Weather					
Tropical Winds / Surge					
Heat					
River Flooding	SW LA			TX, OK	TX, OK

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

*For more details on the colors in the threat matrix refer to the last slide in this briefing.*



# Tropical Weather Outlook – Atlantic/Gulf



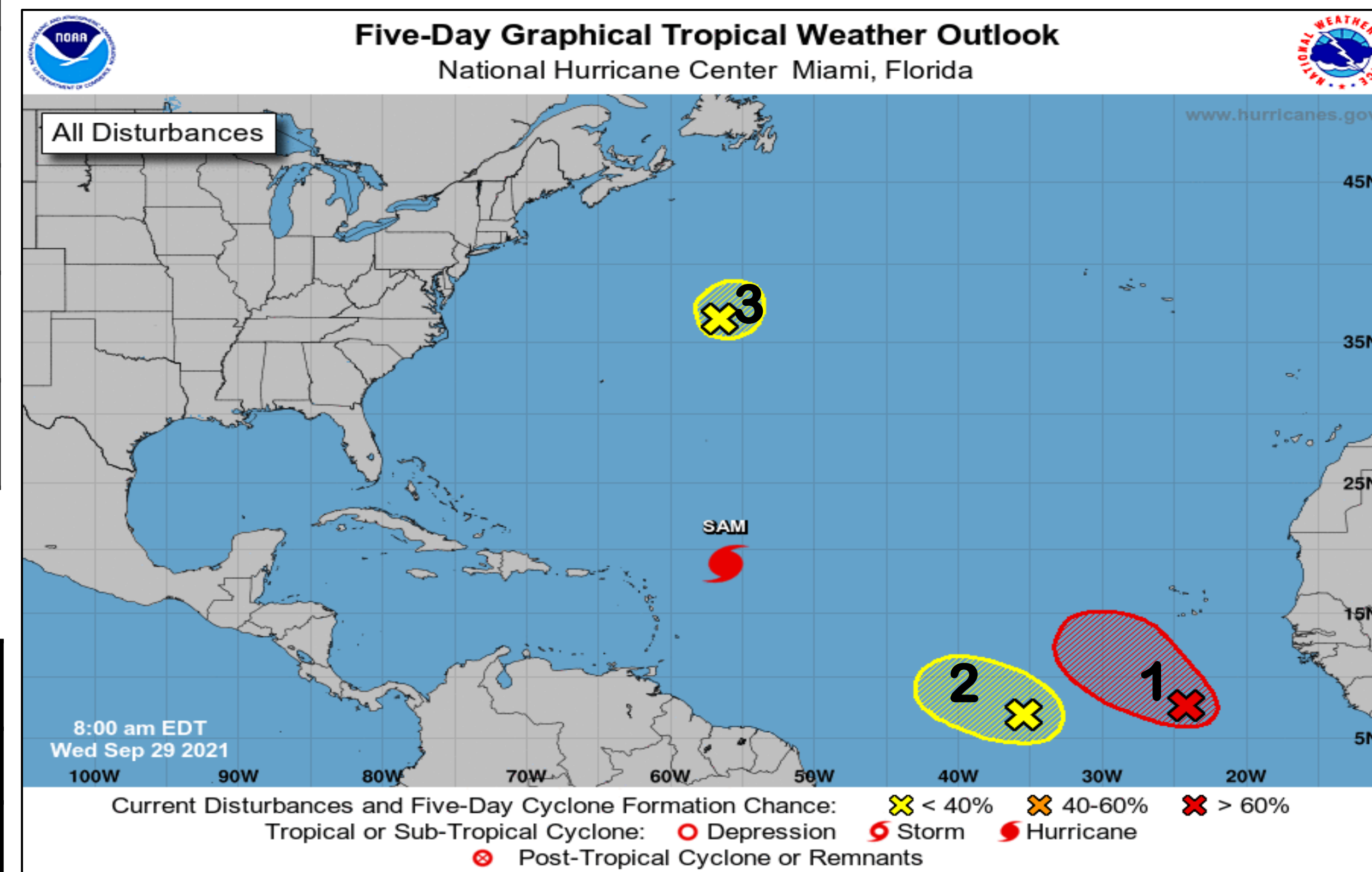
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## Areas of Possible Development

Area	Chance of Development	Potential Impacts to FEMA 6
1	High	None in the next 5 days.
2	Low	None in the next 5 days.
3	Low	None.

## Active Tropical Cyclones

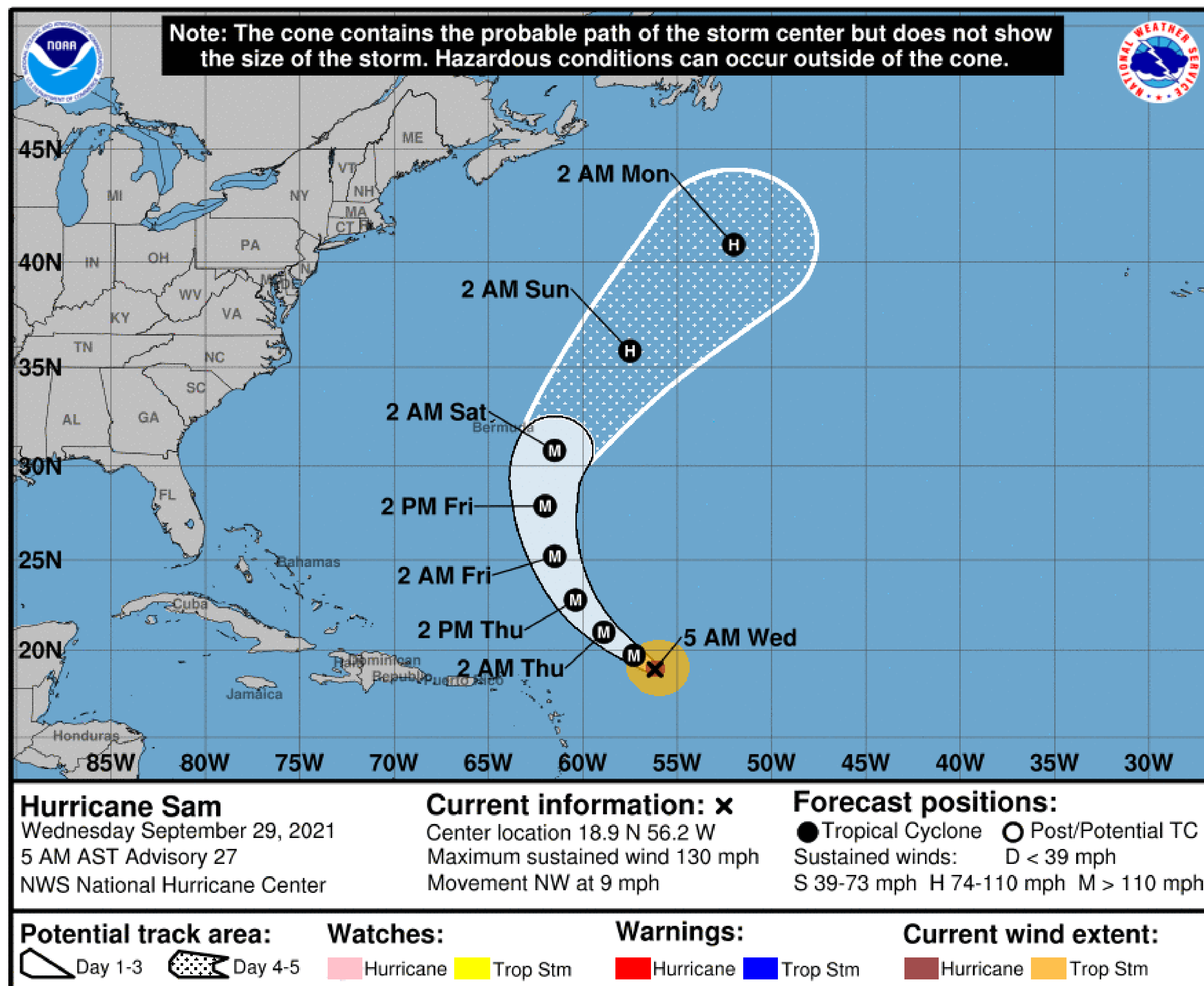
Storm	Potential Impacts to FEMA 6
Sam	None.



# Hurricane Sam



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**No impacts to FEMA Region 6.**

As of 5am AST, Hurricane Sam was a Category 4 hurricane and the center of Sam was located around 455 miles east of the Northern Leeward Islands. Sam was moving northwest at 9 mph. This general motion with an increase in forward speed is expected during the next couple of days. A turn toward the north is forecast by Friday.

Some fluctuations in intensity are expected the next couple of days, but Sam is forecast to remain a major hurricane through late week.

Sam should remain well off the East Coast of the U.S. and no significant impacts are expected to the U.S. beyond significant swells.

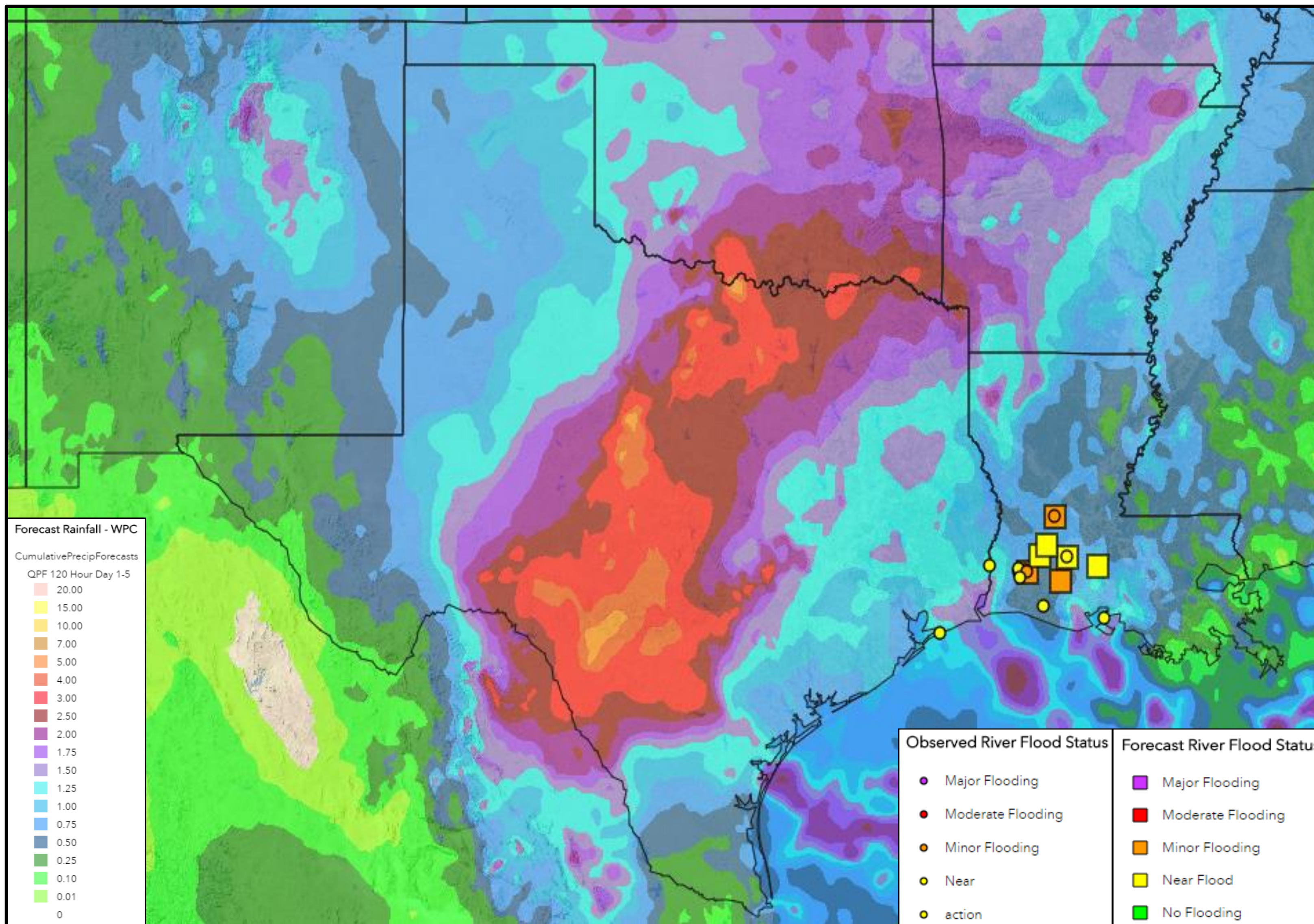


# 5-Day Precipitation Forecast & River Flood Status



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*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



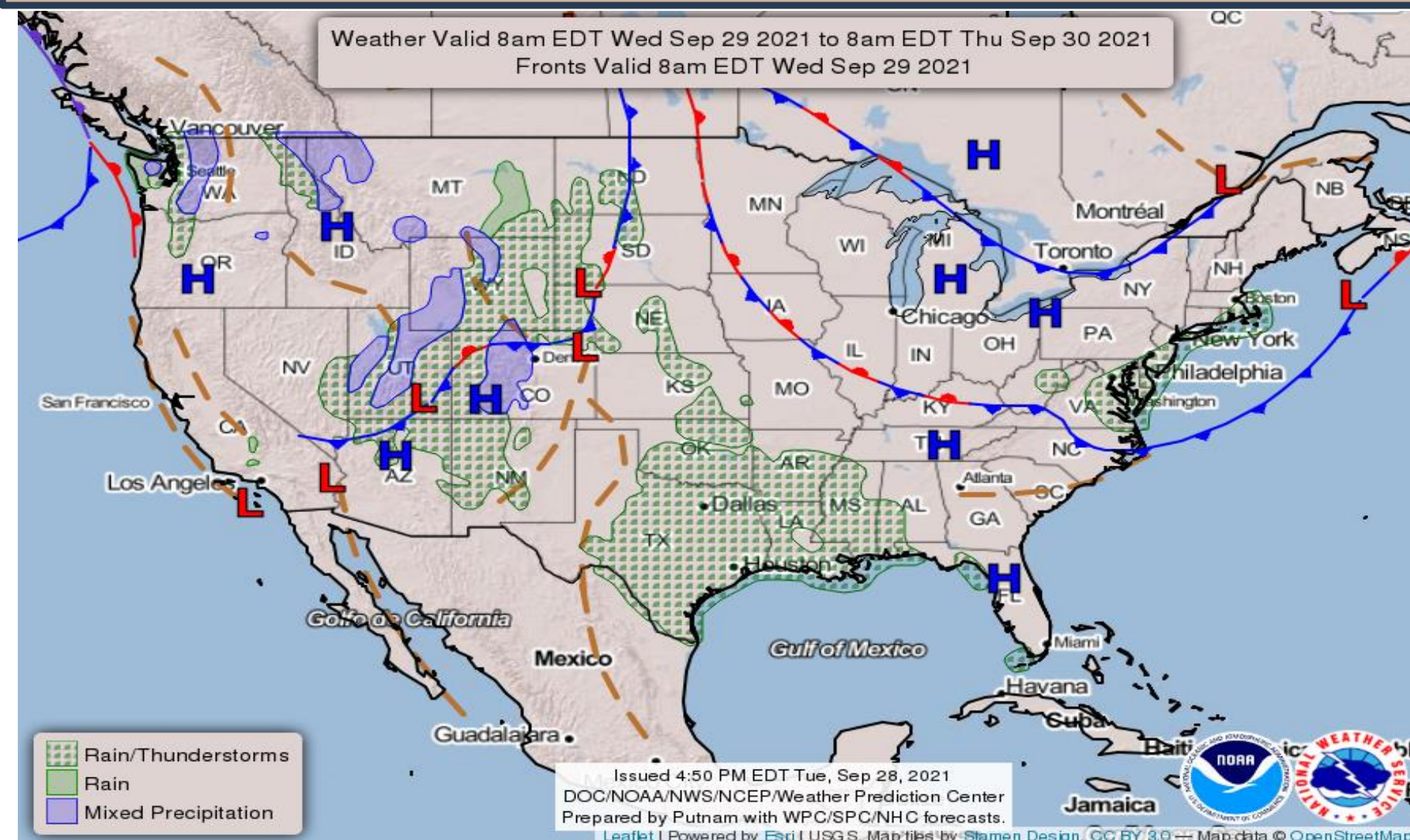
**Isolated minor flooding in SW LA from heavy rain yesterday will recede below flood stage by tomorrow.**

**With numerous rounds of showers and thunderstorms expected this week, new river flooding will be possible for TX and OK by late this week. It is too early to pinpoint specific locations at this time.**

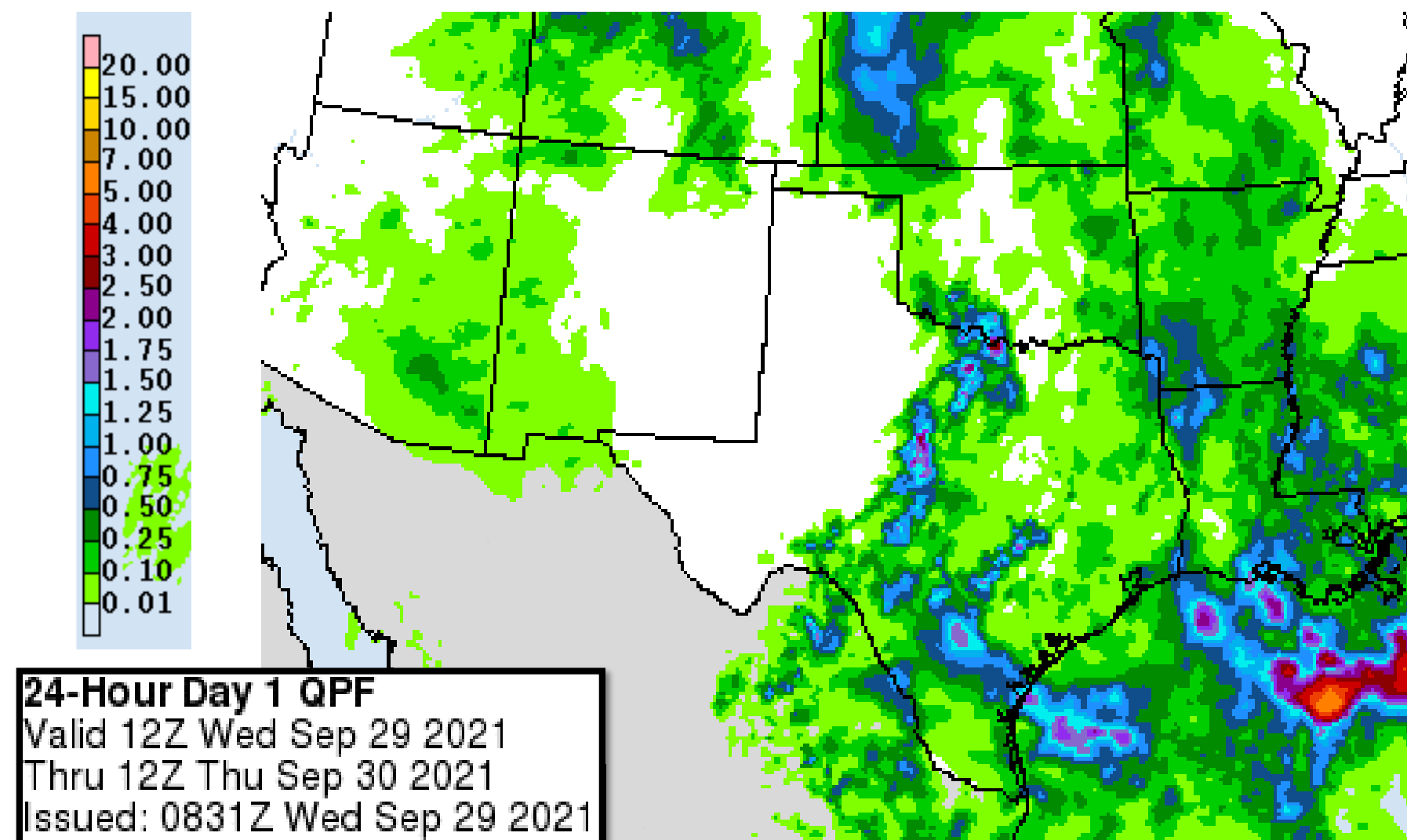


# Today's Weather

## Forecast Chart



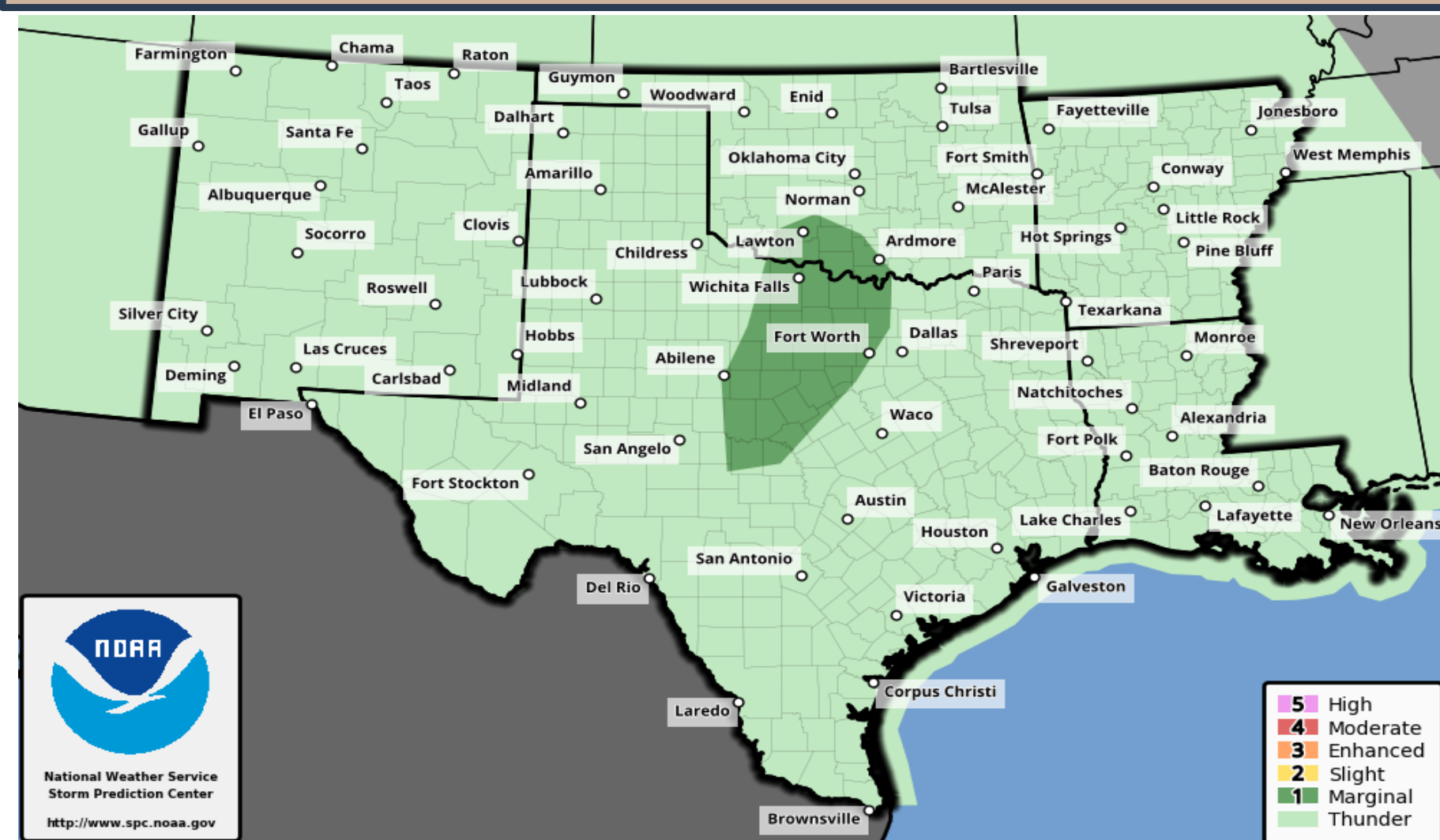
## Forecast Rainfall



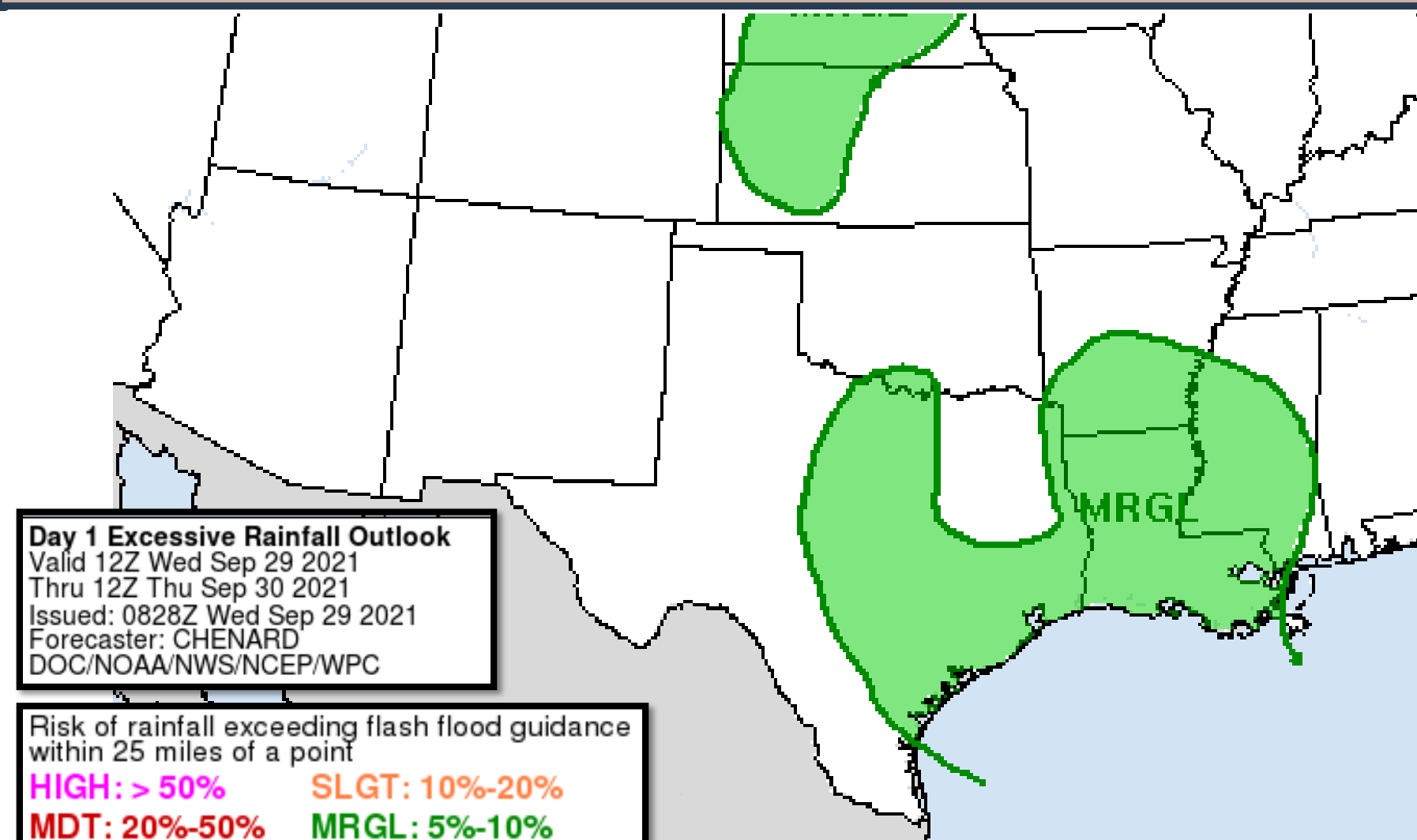
**Isolated heavy rain/flash flooding possible over LA, SAR and portions of TX.**

**Isolated severe storms with damaging winds/hail possible for S-Central OK into N & Central TX.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



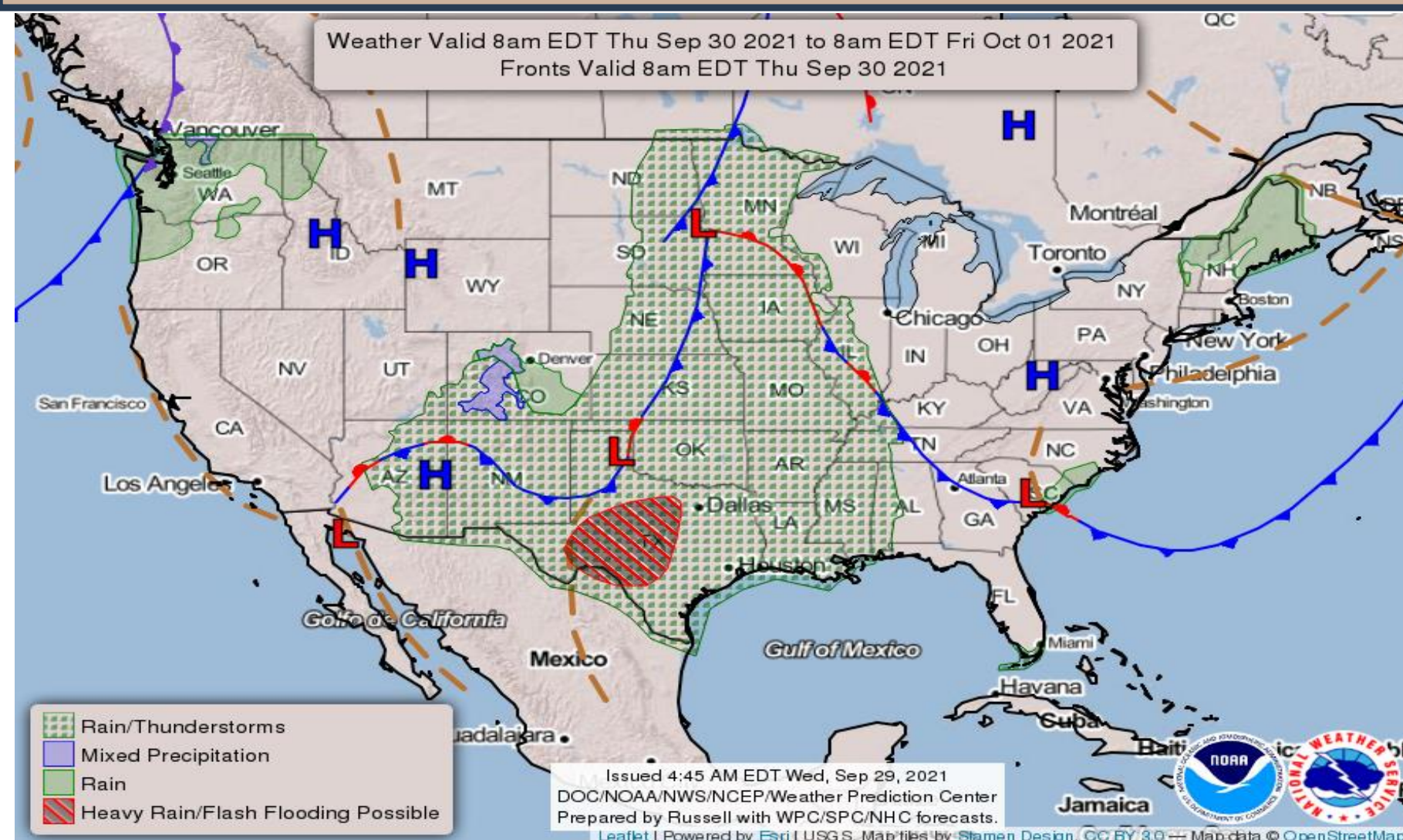


# Tomorrow's Weather

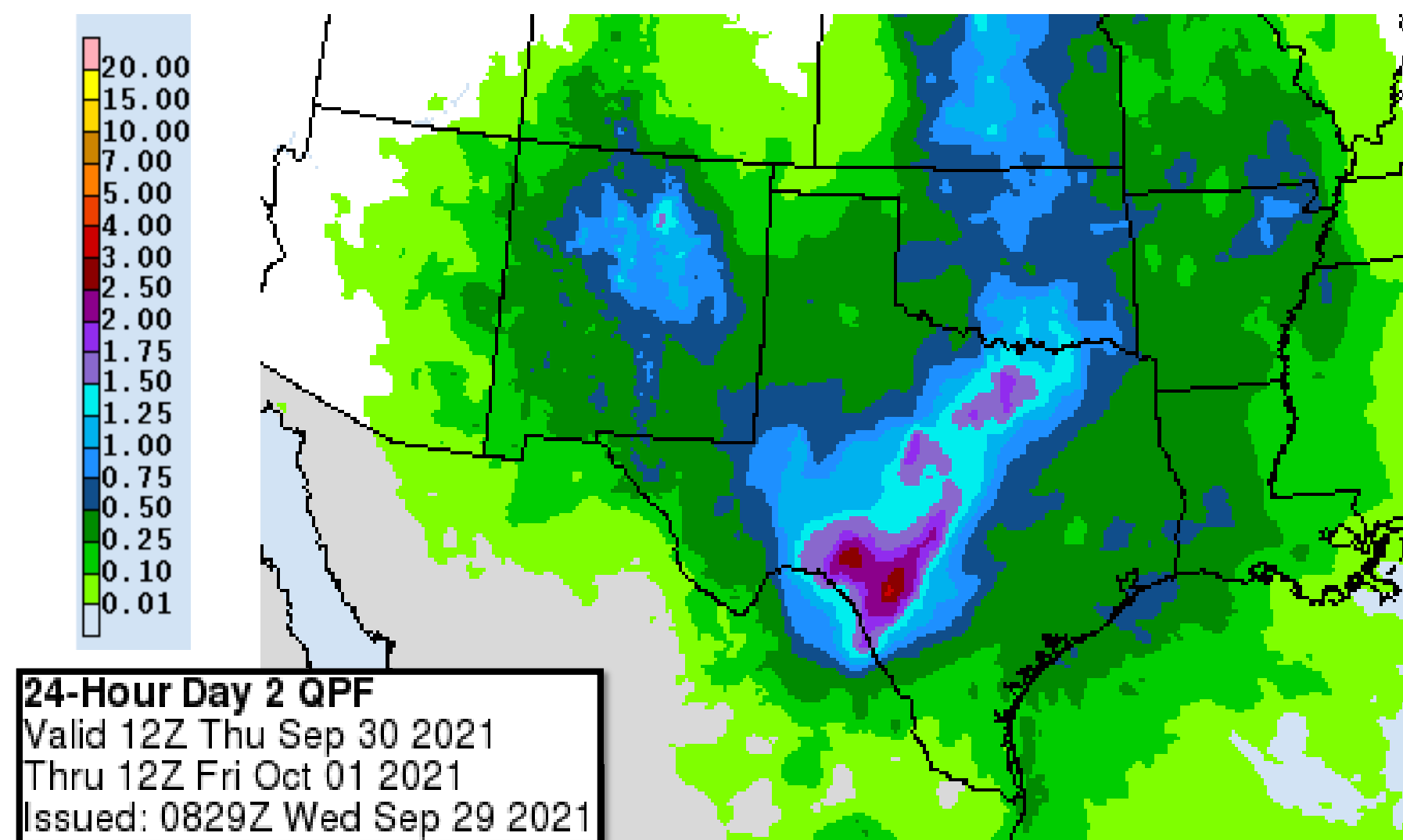


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## Forecast Chart



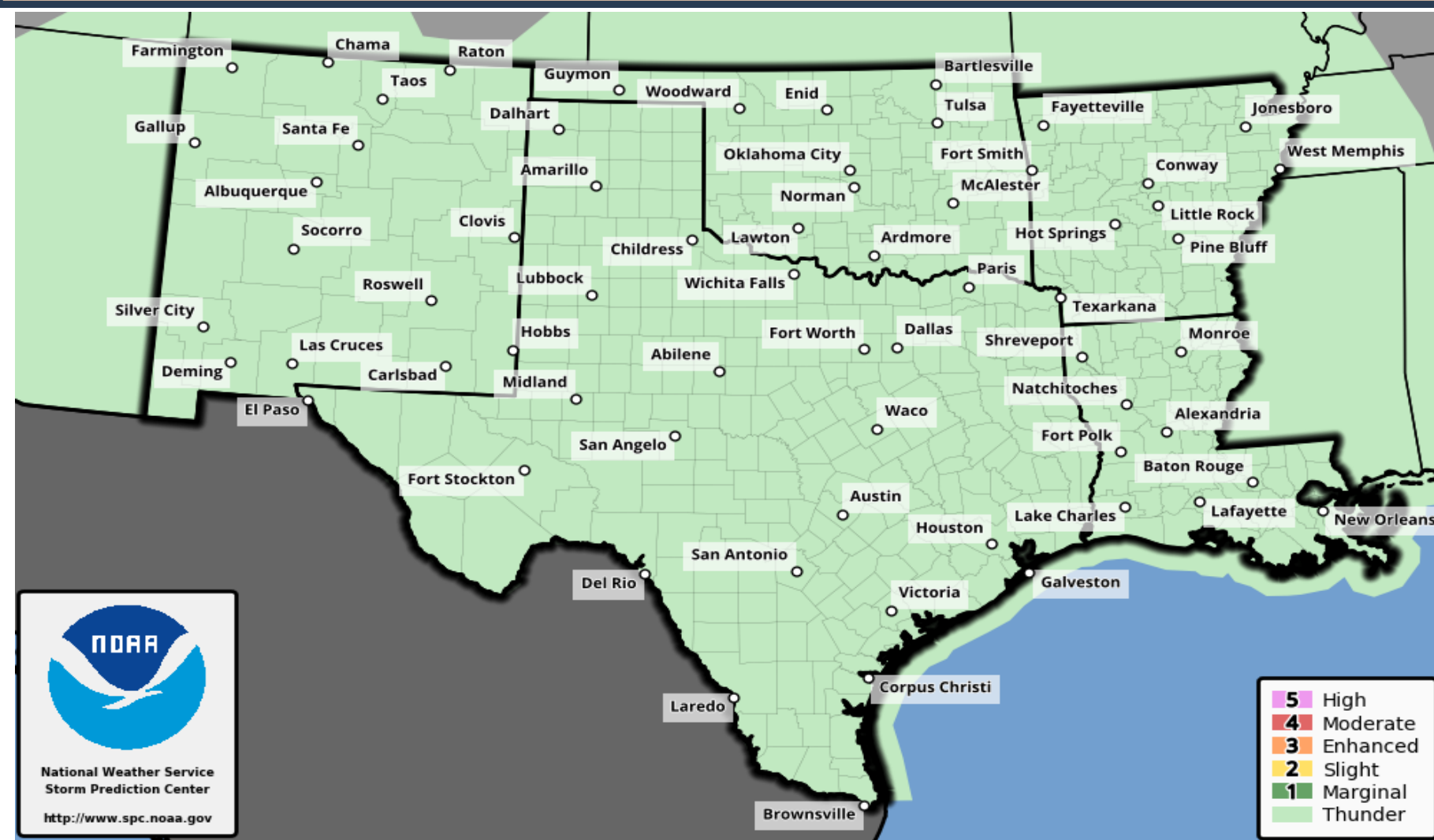
## Forecast Rainfall



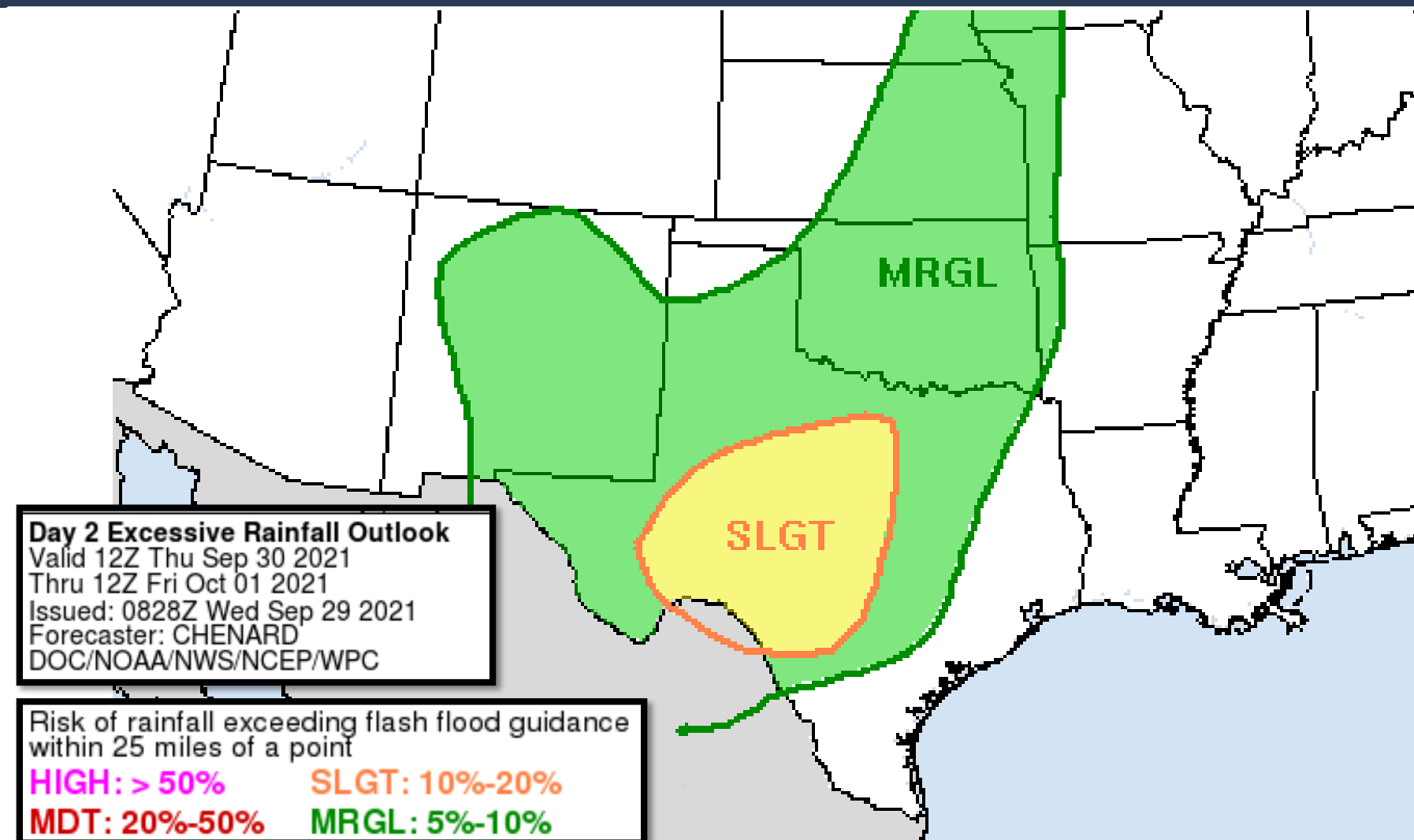
**Scattered heavy rain/flash flooding possible across SW/West/West-Central TX.**

**Isolated heavy rain/flash flooding possible across much of the rest of TX and most of NM, OK, and W AR.**

## Severe Weather Outlook



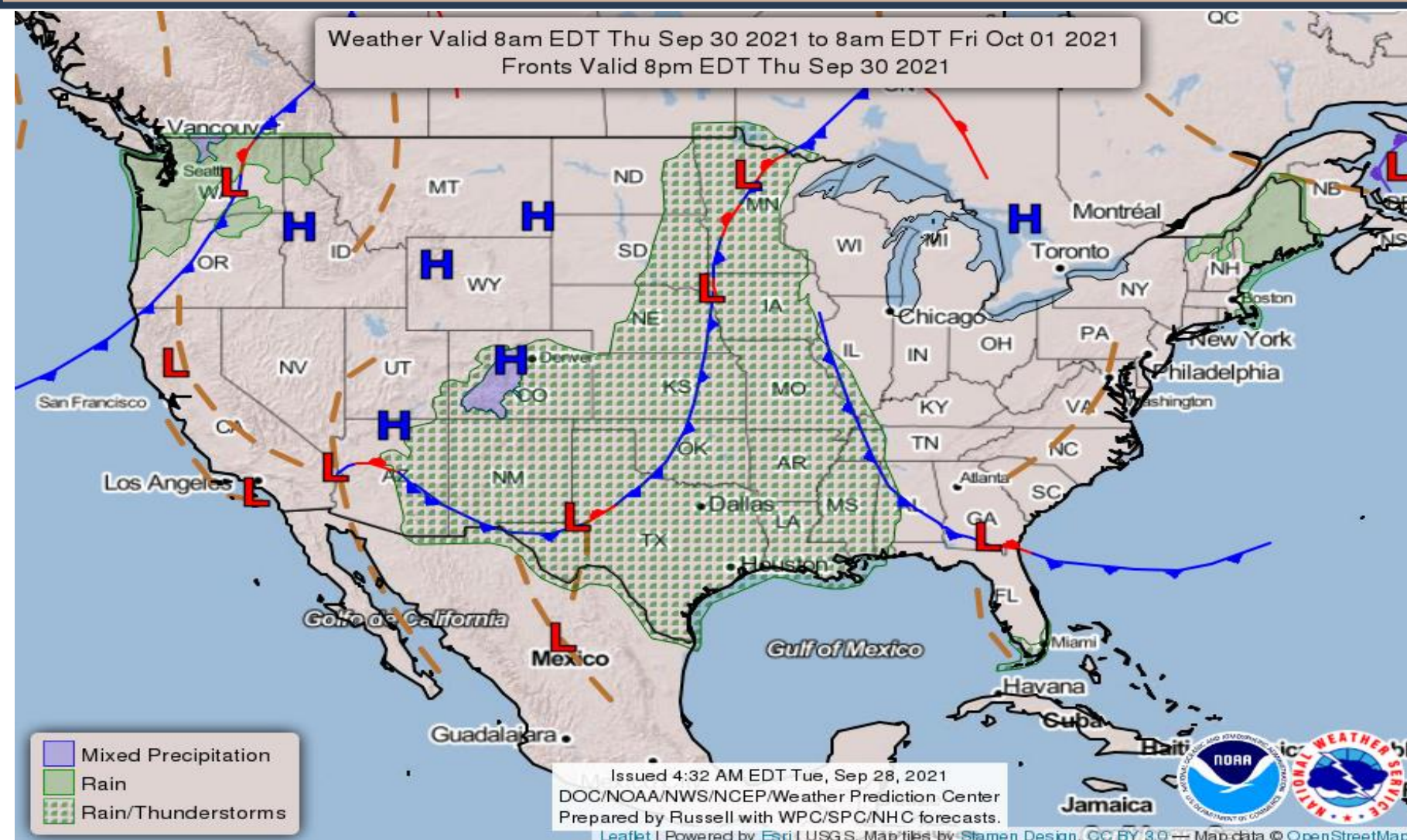
## Excessive Rainfall Outlook



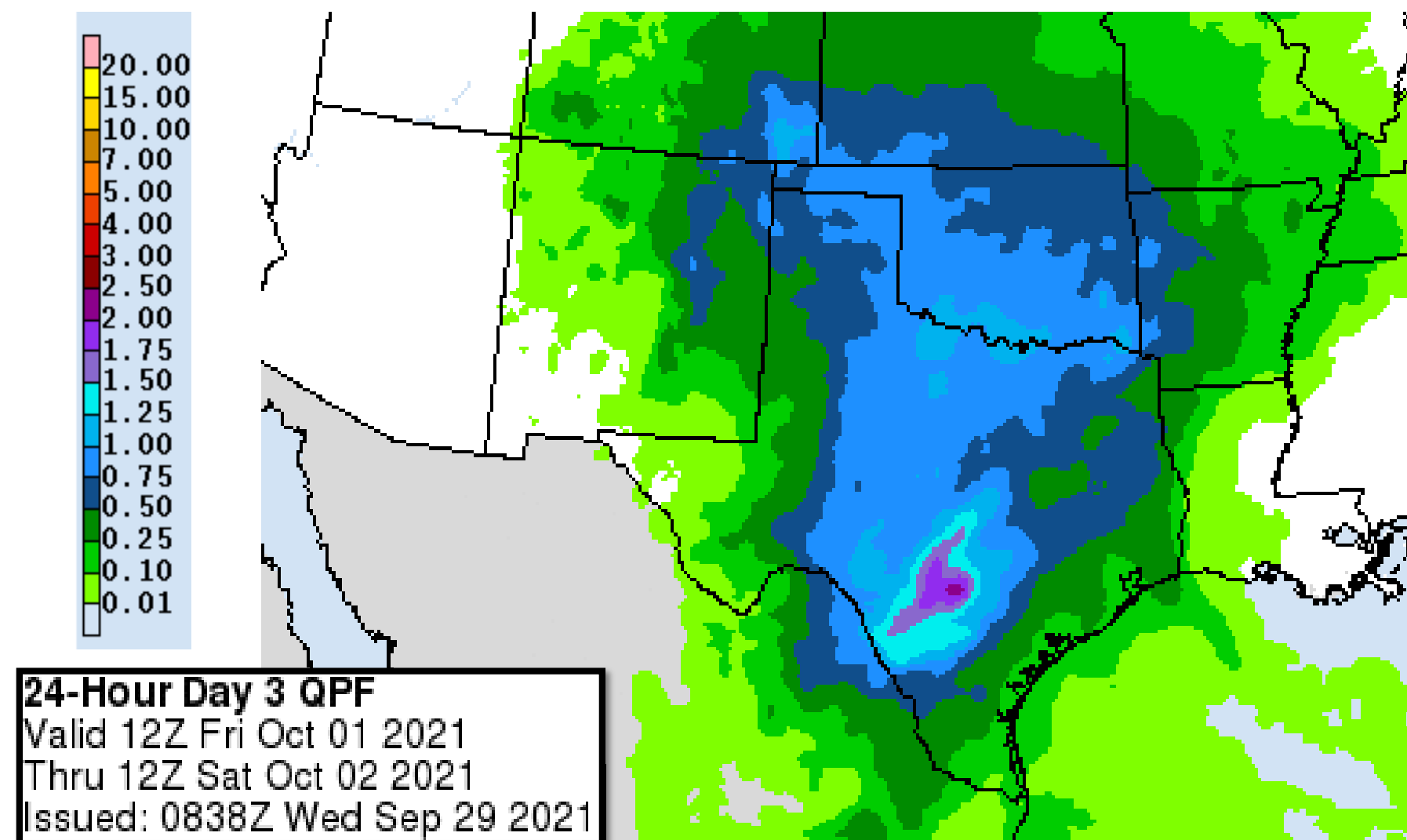


# Friday's Weather

## Forecast Chart



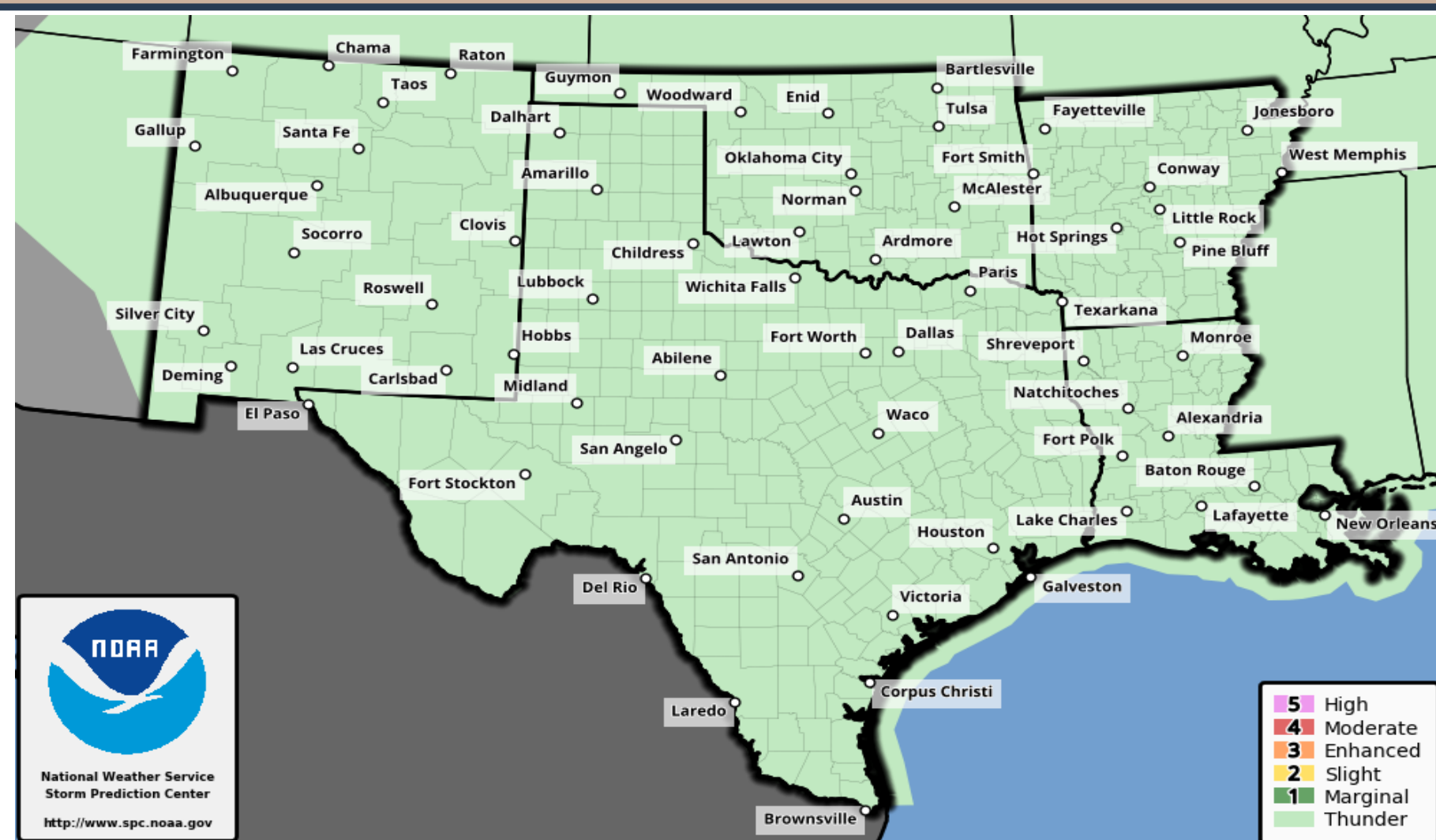
## Forecast Rainfall



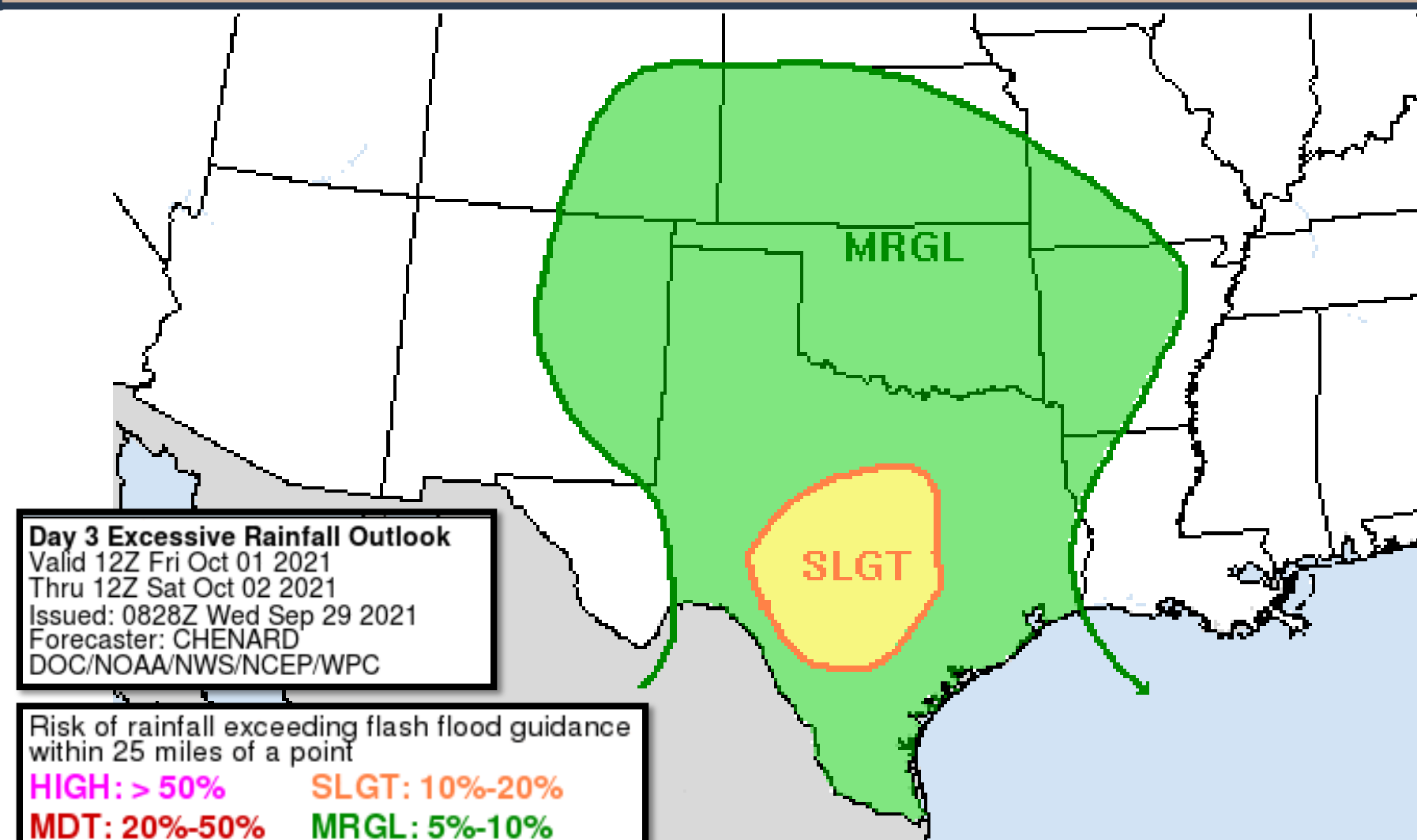
**Scattered heavy rain/flash flooding possible across Central TX.**

**Isolated heavy rain/flash flooding possible for much of the rest of TX into OK, much of AR, E NM, and NW LA.**

## Severe Weather Outlook



## Excessive Rainfall Outlook





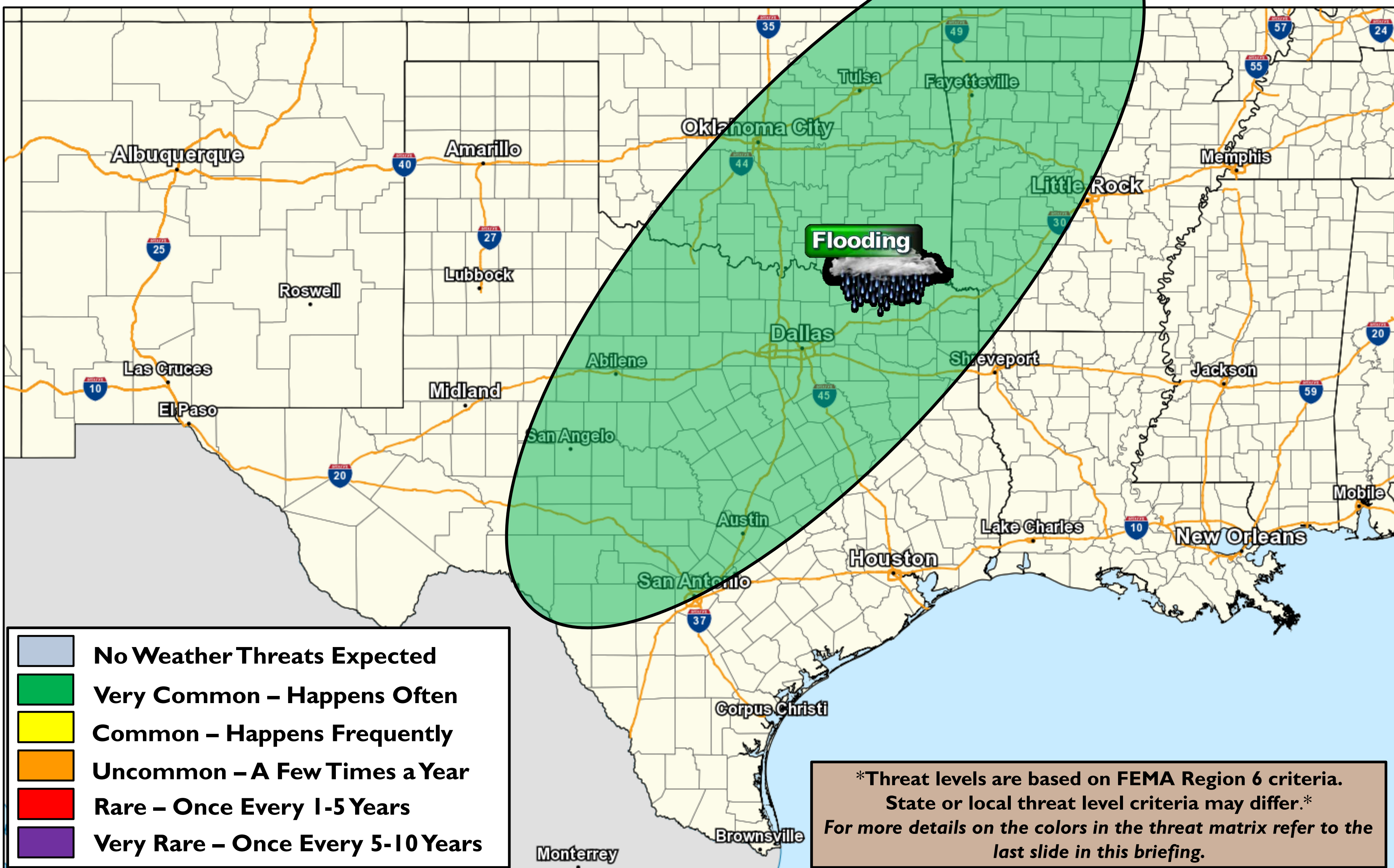
# Days 4-5 Weather Hazards

Saturday - Sunday



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Heavy rain/flooding threat continues Saturday across portions of TX, OK, and AR.



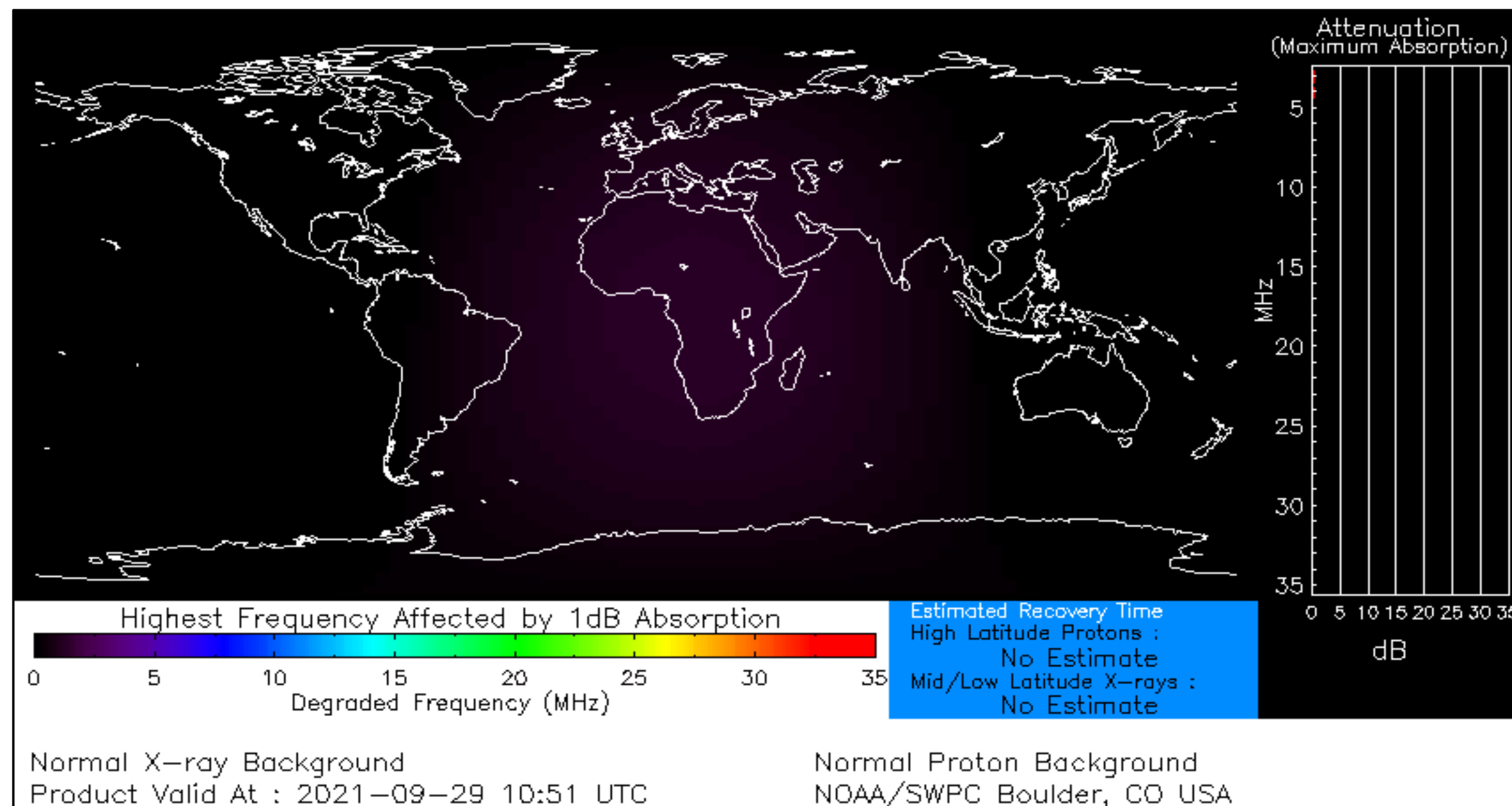


# Space Weather 3-Day Forecast



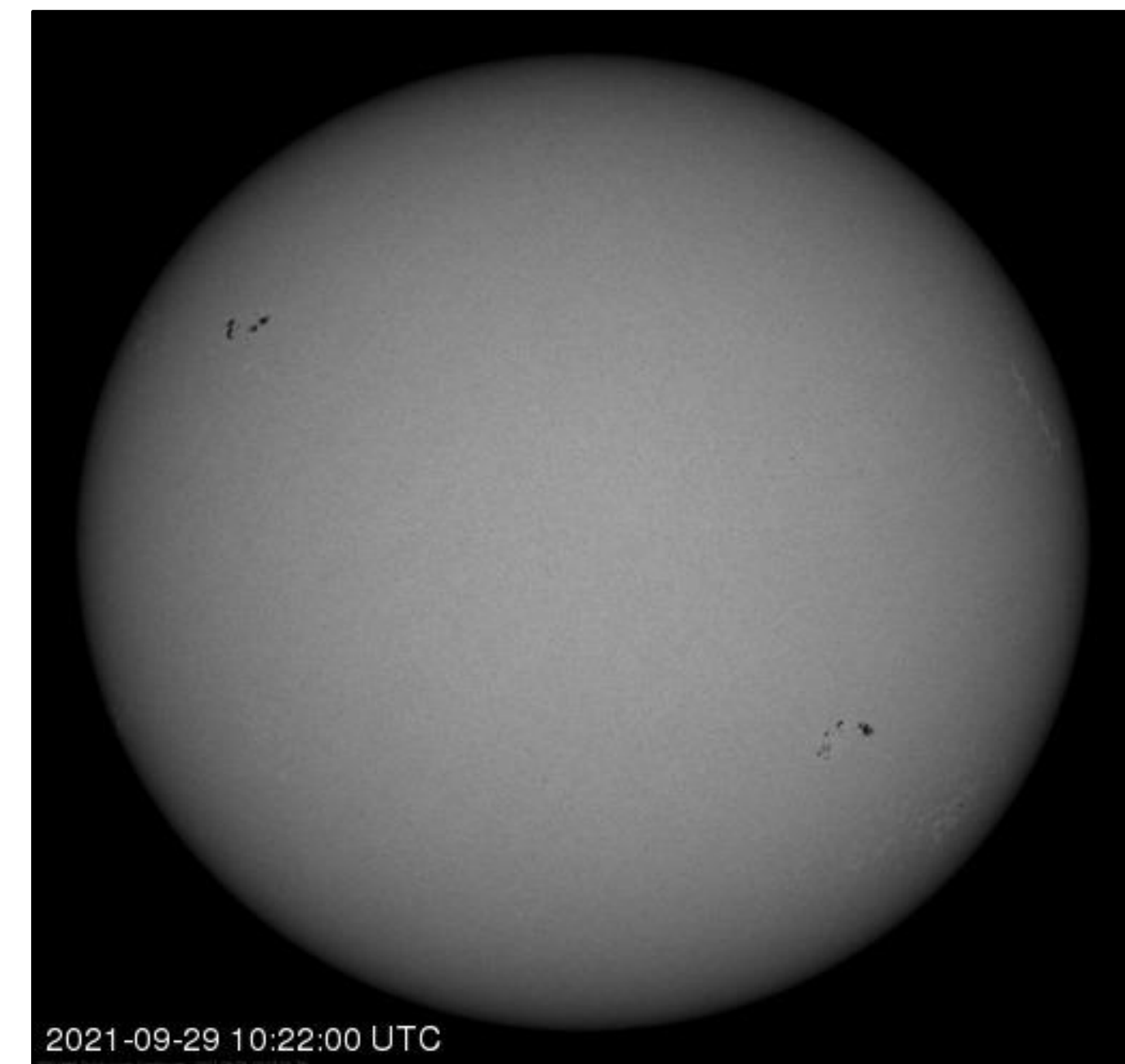
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	Wednesday	Thursday	Friday
Geomagnetic Storms	Quiet (Max Kp = 2)	Minor (G1) Storm (Max Kp = 5)	Quiet to Unsettled (Max Kp = 3)
Solar Radiation Storm (S1-S5)	1%	1%	1%
Radio Blackout (R1-R2)	1%	1%	1%
Radio Blackout (R3-R5)	1%	1%	1%



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
Southern Region Headquarters  
Regional Operations Center  
Fort Worth, TX

Phone: (682) 703-3747

E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)

Web: <http://www.weather.gov/srh>





Weather “Threat” Matrix			
Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as <u>seabreeze</u> storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**